

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB REPORT/abd _____

DATE FILED **5-25-84**

LAND: FEE & PATENTED _____ STATE LEASE NO. _____

PUBLIC LEASE NO. **U-52017**

INDIAN _____

DRILLING APPROVED: **6-4-84 OIL**

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED **1-2-85 LA application rescinded**FIELD: **3/4 CASTLE PEAK**

UNIT: _____

COUNTY: **DUCHESNE**WELL NO. **N.G.C. FEDERAL #3**API NO **43-013-30952**LOCATION **705' FNE** FT. FROM (N) (S) LINE.**2100' FEL**

FT. FROM (E) (W) LINE.

NWNE**1/4 — 1/4 SEC****19**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				9S	16E	19	AMSEL PETROLEUM INC.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amsel Petroleum Inc.

3. ADDRESS OF OPERATOR

1331 17th St., Suite 506, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

705'FNL 2100' FEL Sec. 19, T9S, R16E, SLM

At proposed prod. zone

Same 9

NWNE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12.5 Miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

705'

16. NO. OF ACRES IN LEASE

626.36

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

5800

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5965

22. APPROX. DATE WORK WILL START*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13 3/8"	48# H-40	40'	Redi Mix to Surface
12 1/2"	9 5/8"	36# V-55	300'	Circulate to Surface + Sacks
7 7/8"	5 1/2"	17# K-55	5800'	Circulate to above top of Oil Shale + 630 Sacks

RECEIVED

MAY 25 1984

DIVISION OF OIL
GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10/4/84

BY: John R. Bays

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

William R. Goodrich

TITLE

Vice Pres

DATE

5-22-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

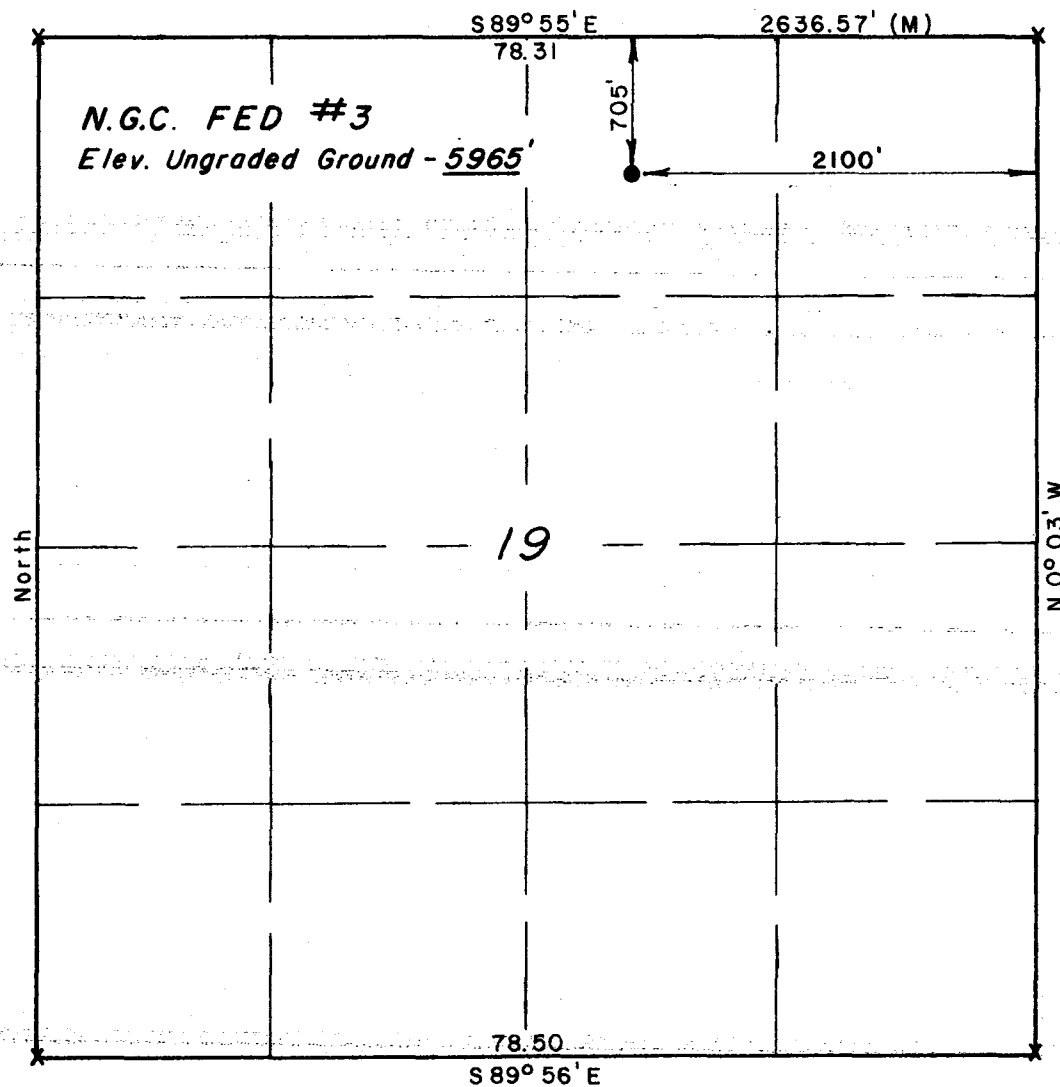
*See Instructions On Reverse Side

T9S, R16E, S.L.B. & M.

PROJECT

AMSEL PETROLEUM INC.

Well location, N.G.C. FED #3,
located as shown in the NW 1/4 NE 1/4
Section 19, T9S, R16E, S.L.B. & M.
Duchesne County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 1154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	4/26/84
PARTY	DB CM PT	REFERENCES	GLO
WEATHER	Cold / Windy	FILE	AMSEL

X = Section Corners Located

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Amsel Petroleum Inc.

Well No. NGC #3

Location: Section 19, T9S, R16E, S.L.M.

Lease No.: U-52017

Onsite Inspection Date: May 8, 1984

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Uinta Surface, Green River 1400'; Wasatch 5400, T.D. 5800'

2. Estimated Depth at which Oil, Gas, Water, or other Mineral Bearing Zones are Expected to be encountered:

	<u>Formation</u>	<u>Zone</u>
Expected Oil Zones:	Douglas Creek	3800' T.D.
Expected Gas Zones:	Douglas Creek	3800' T.D.
Expected Water Zones:		Surface - 3800'
Expected Mineral Zones:	Green River Oil Shale	1400'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

12" 3000# Double Hydraulic B.O.P. with pipe rams and blind rams and spherical B.O.P.

B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.

Amsel Petroleum, Inc.
NGC #3
Section 19, T9S, R16F, S.L.R. & M.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

13 3/8" 48# H-40 40' Redi Mix to Surface

9 5/8" 36# J-55 300' Circulate to Surface approximately 120 sax.

5 1/2" 17# K-55 5800' Circulate to top of Green River approximately 630 sax.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Water Surface to 3800' Wt. 8.4 - 8.6 Vis. 30-35 Gel 3800' to T.D. 8.6 - 9.1 35-45 W.L. 8-10

6. Coring, Logging and Testing Program:

Dual Induction SFL 300' - T.D.

BHC Density CNL 300' - T.D.

No Coring

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer(AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

None expected

8. Anticipated Starting Dates and Notifications of Operations:

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NGC #3
Section 19, T9S, R16E, S.L.R. & M.

Location Construction:

Spud Date: A.S.A.P.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular working day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal RLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

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A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

AMSEL PETROLEUM, INC.

13 Point Surface Use Plan

For

NGC #3

Located in

Section 19, T9S, R16E, S.L.B.&M.

Duchense County, Utah

AMSEL PETROLEUM, INC.
NGC #3
Section 19, T9S, R16E, S.L.B. & M.

1. EXISTING ROADS:

- a. Location of proposed well in relation to town or other reference point: 12.5 miles South of Myton, Utah.
- b. Proposed route to location: U.S. 40 West to U-53; U-53 South 11 miles to proposed access road.
- c. Location and Description of roads in the area: U.S. 40 bituminous surfaced, U-53 gravel surfaced, all other roads are built from native materials.
- d. Plans for improvement and/or maintenance of existing roads: Some minor grade work on proposed portion of road.
- e. Other: None

2. PLANNED ACCESS ROADS:

- a. Width: 18' road surface (30' total disturbance maximum)
- b. Maximum grades: 8%
- c. Turnouts: None
- d. Location (centerline): Flagged
- e. Drainage: None
- f. Surface materials (source): Existing materials
- g. Other: None

All travel will be confined to existing access road rights-of-way.

3. LOCATIONS OF EXISTING WELLS: There are no known existing wells within a one mile radius of this location site.

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES:

All permanent (onsite for six months or longer) structures constructed or installed (including oil well pump jacks will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5

AMSFL PETROLEUM, INC.
NGC #3
Section 19, T9S, R16F, S.L.R. & M.

Seed will be broadcast or drilled at a time specified by the RIM.
If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast the amount of seed will be proportionately larger to total 14 Lbs/Acre.

The following seed mixture will be used:

Stipa Comata	1 Lb/Ac
Agropyron Cristatum	1 Lb/Ac
Poa Sekcunda	1 Lb/Ac
Kochia Prostrata	2 Lb/Ac
Atriplex Confertifolia	2 Lb/Ac
Ceratoides Lanata	2 Lb/Ac
	<u>9 Lb/Ac</u>

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

11. SURFACE AND MINERAL OWNERSHIP

R.L.M.

12. OTHER INFORMATION

The dirt berm through the center of the location will be re-routed around the South end of the location.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report and Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

AMSEL PETROLEUM, INC.
NGC #3
Section 19, T9S, R16E, S.L.R. & M.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: W.R. Goodier

Address: 1331 Seventeenth Street, Suite 506, Denver, Colorado 80202

Phone No. (303) 296-4551

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by: Amsel Petroleum Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

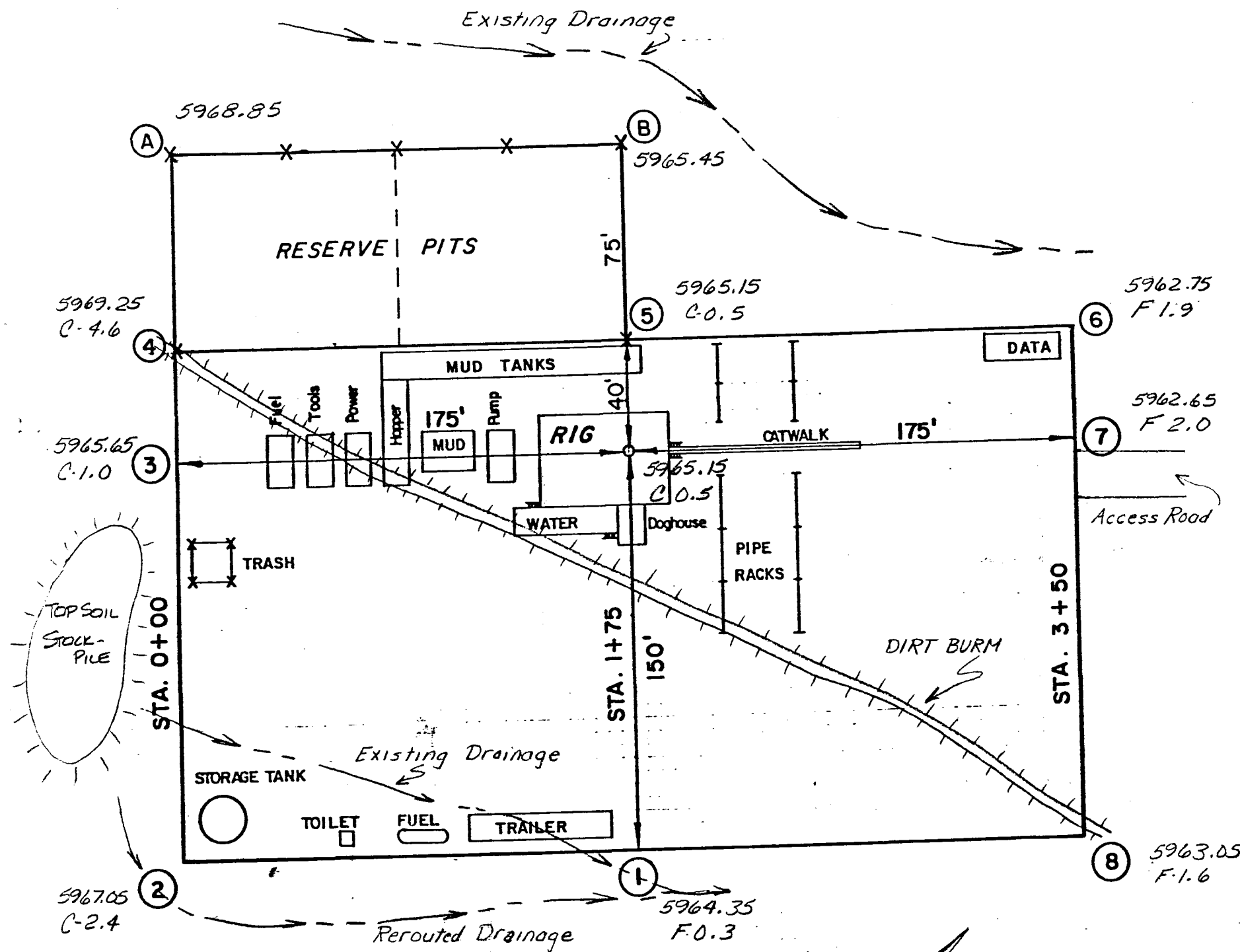
5-22-84

Date

William R. Goodier

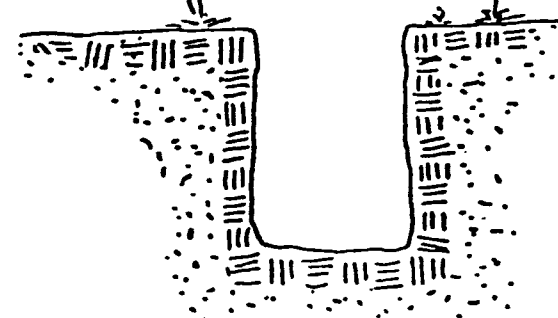
AMSEL PETROLEUM, INC.

N.G.C. FED #3



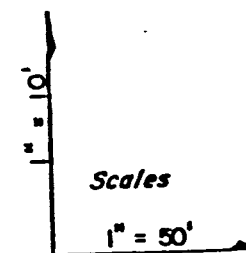
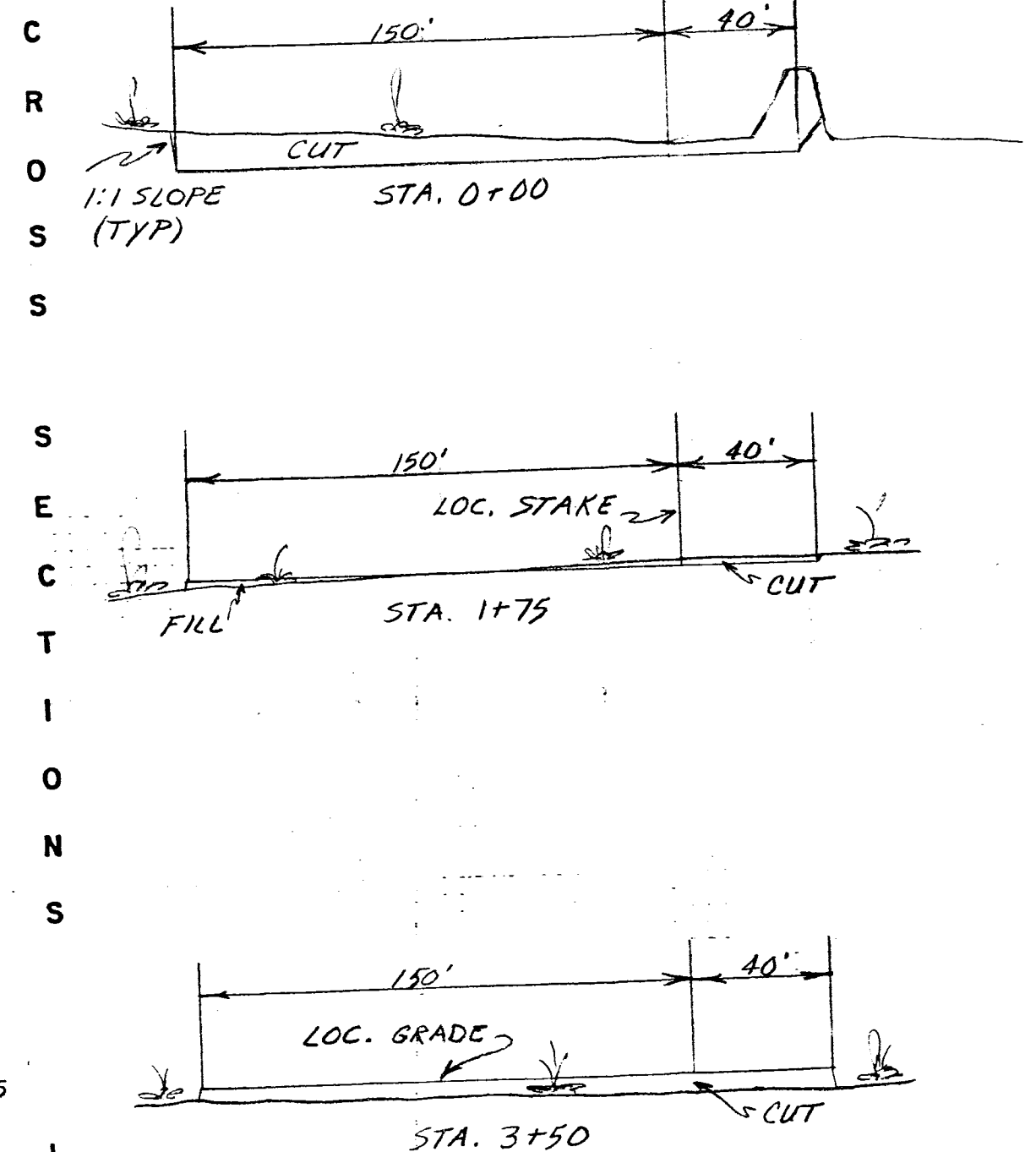
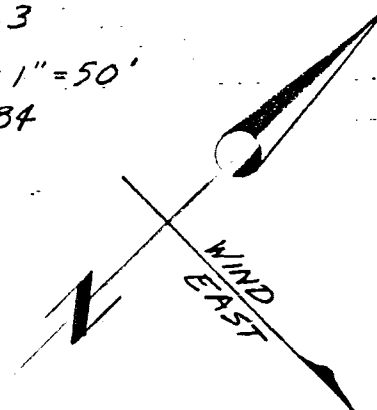
SOILS LITHOLOGY

No Scale



LIGHT BROWN
SANDY CLAY

SCALE: 1"=50'
4/27/84



ELEVATION PROPOSED GROUND = 5964.65'

APPROXIMATE YARDAGES

Cu. Yds. Cut - 1589

Cu. Yds. Fill - 1258

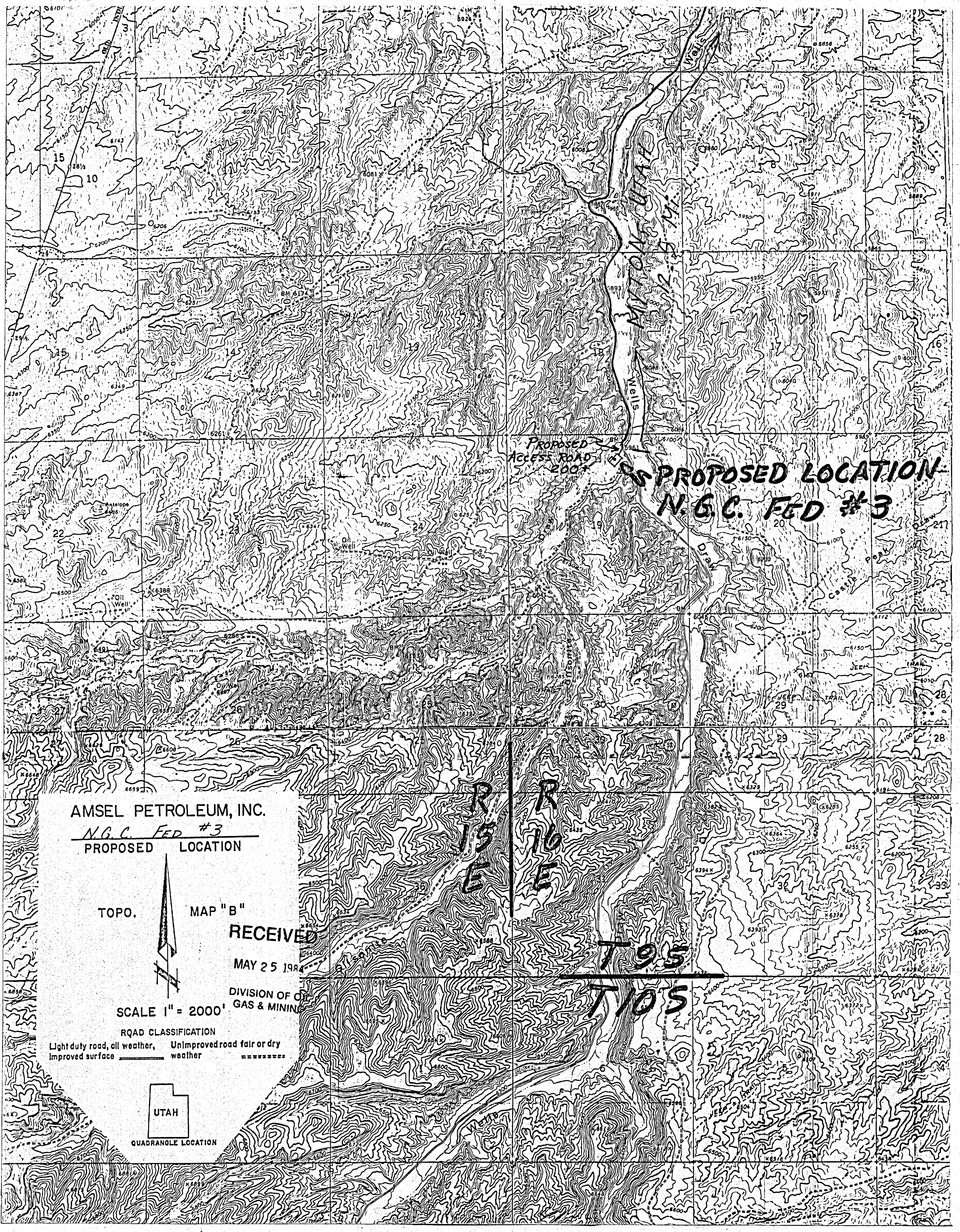
N.G.C. FED #3
PROPOSED , LOCATION

MAP "A"

SCALE 1" = 4 MI.

PROPOSED LOCATION

T95
507 T10



**PROPOSED LOCATION
N.G.C. FED #3**

Proposed
Access Road
200'

AMSEL PETROLEUM, INC.
N.G.C. FED #3
PROPOSED LOCATION

TOPO.

MAP "B"

RECEIVED

MAY 25 1984

DIVISION OF OIL
& GAS & MINING

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Improved surface
Unimproved road fair or dry weather



QUADRANGLE LOCATION

OPERATOR Ames Petroleum Inc DATE 6-4-84
WELL NAME N G C Federal #3
SEC NWNE 19 T 9S R 16E COUNTY Duchesne

43-013-30952
API NUMBER

Fed
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/> INDEX	<input type="checkbox"/> HL	<input type="checkbox"/>
<input type="checkbox"/> NID	<input type="checkbox"/> PI	<input type="checkbox"/>
<input type="checkbox"/> MAP	<input type="checkbox"/>	<input type="checkbox"/>

PROCESSING COMMENTS:

No wells within 1000 ft.
Needs water

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT ☐ c-3-a _____ CAUSE NO. & DATE
☒ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:

1. Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER _____

☐ UNIT _____

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

June 5, 1984

Ansel Petroleum Inc.
1331 17th Street Suite 506
Denver, CO 80202

RE: Well No. N C C Federal #3
NW/4E SEC. 19, T. 9S, R. 16E
705' FHL, 2100' FEL
Duchesne County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Ansel Petroleum Inc.
Well No. N G C Federal #3
June 5, 1984
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-30952.

Sincerely,


R. J. Firth
Associate Director, Oil & Gas

RJF/gl

cc: Branch of Fluid Minerals

Enclosures

AMSEL PETROLEUM, INC.

1331 Seventeenth Street, Suite 506
Denver, Colorado 80202
(303) 296-4551

RECEIVED

SEP 26 1984

**DIVISION OF OIL
GAS & MINING**

September 17, 1984

U. S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Attention: Assistant District Manager
For Minerals

Re: Applications for Permit
To Drill

Gentlemen:

Amsel was unable to obtain adequate financing to drill any of the wells located in Sections 17, 18, 19, 21 and 22 of T9S-R16E and our farmout agreement with Natural Gas Corporation was cancelled. *also Sec. 20.*

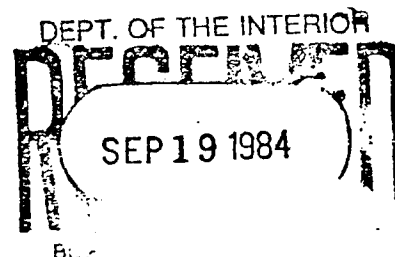
Very truly yours,

AMSEL PETROLEUM, INC.

William R. Goodier
William R. Goodier

WRG:ps

*Returned to Amsel Petroleum
Well # 2, 3 & 4
N GC Federal
T9S, R16E*





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

85
January 2, 1984

Amsel Petroleum Incorporated
1331 Seventeenth Street, Suite 506
Denver, Colorado 80202

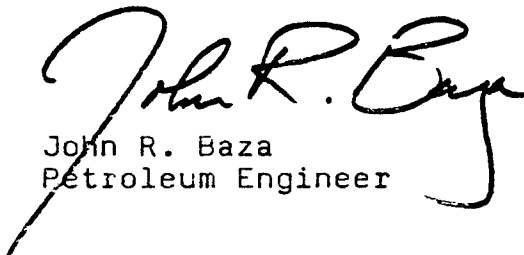
Gentlemen:

Re: Well No. NGC Federal #3 - Sec. 19, T. 9S., R. 16E.
Duchesne County, Utah - API #43-013-30952

As you requested in your letter of September 17, 1984, approval to drill the subject well is hereby rescinded, without prejudice, effective the date of this letter.

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

Sincerely,


John R. Baza
Petroleum Engineer

cc: Dianne R. Nielson
Ronald J. Firth
File

CG09S/3